

**Table A-5.6. Employed scientists, engineers, technicians (SETs), and SET managers,  
in SICs 70-89 (services), and the relative standard error: 1998**

[Filled positions]

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Industry and SET occupation	Filled positions	SET intensity <sup>1</sup>	Relative standard error
<b>Hotels and motels (SIC 7010)</b>			
<b>Scientific and technical personnel</b> .....	8,830	0.5	(nc)
<b>Scientists</b> .....	590	<	(nc)
All other mathematicians.....	10	<	(nc)
Computer analysts.....	580	<	(nc)
<b>Managers of scientific and technical personnel</b> .....	120	<	6
<b>Engineers</b> .....	6,240	0.4	(nc)
Computer.....	90	<	3
Electrical/electronics.....	810	0.1	1
Mechanical.....	1,930	0.1	3
Other, n.e.c.....	3,410	0.2	(nc)
<b>Technicians</b> .....	1,880	0.1	(nc)
Computer programmer.....	370	<	1
Electrical/electronics engineering technician.....	1,000	0.1	<
All other engineering technicians.....	510	<	(nc)
<b>Laundry, cleaning, and garment services (SIC 7210)</b>			
<b>Scientific and technical personnel</b> .....	820	0.2	(nc)
<b>Scientists</b> .....	90	<	(nc)
Computer analysts.....	90	<	(nc)
<b>Engineers</b> .....	420	0.1	(nc)
Other, n.e.c.....	420	0.1	(nc)
<b>Technicians</b> .....	310	0.1	(nc)
Computer programmer.....	130	<	9
All other engineering technicians.....	180	<	(nc)
<b>Photographic studios, portrait (SIC 7220)</b>			
<b>Scientific and technical personnel</b> .....	110	0.2	(nc)
<b>Scientists</b> .....	60	0.1	(nc)
Computer analysts.....	60	0.1	(nc)
<b>Technicians</b> .....	50	0.1	(nc)
All other engineering technicians.....	50	0.1	(nc)

See explanatory information and SOURCE at end of table.

Industry and SET occupation	Filled positions	SET intensity <sup>1</sup>	Relative standard error
<b>Misc. personal services (SIC 7290)</b>			
<b>Scientific and technical personnel</b> .....	290	0.2	(nc)
<b>Scientists</b> .....	200	0.1	2
Computer analysts.....	200	0.1	2
<b>Technicians</b> .....	90	0.1	21
Computer programmer.....	90	0.1	21
<b>Advertising (SIC 7310)</b>			
<b>Scientific and technical personnel</b> .....	6,580	2.4	(nc)
<b>Scientists</b> .....	3,140	1.2	(nc)
Operations and systems researchers and analysts.....	140	0.1	8
Social scientists.....	570	0.2	13
Economists.....	570	0.2	13
Computer analysts.....	2,430	0.9	(nc)
<b>Managers of scientific and technical personnel</b> .....	730	0.3	8
<b>Engineers</b> .....	1,000	0.4	(nc)
Computer.....	210	0.1	22
Electrical/electronics.....	90	<	21
Sales.....	40	<	7
Other, n.e.c.....	660	0.3	(nc)
<b>Technicians</b> .....	1,710	0.6	(nc)
Computer programmer.....	1,340	0.5	12
Drafter.....	40	<	35
All other engineering technicians.....	330	0.1	(nc)
<b>Credit reporting and collection (SIC 7320)</b>			
<b>Scientific and technical personnel</b> .....	1,590	1.1	(nc)
<b>Scientists</b> .....	540	0.4	(nc)
Operations and systems researchers and analysts.....	90	0.1	8
All other mathematicians.....	50	<	0
Social scientists.....	30	<	(nc)
All other social scientists.....	30	<	(nc)
Computer analysts.....	370	0.3	(nc)
<b>Managers of scientific and technical personnel</b> .....	170	0.1	5
All other engineering technicians.....	50	0.1	(nc)

See explanatory information and SOURCE at end of table.

Industry and SET occupation	Filled positions	SET intensity <sup>1</sup>	Relative standard error
<b>Credit reporting and collection (SIC 7320) -- continued:</b>			
Engineers.....	130	0.1	27
Computer.....	130	0.1	27
Technicians.....	750	0.5	(nc)
Computer programmer.....	700	0.5	4
All other engineering technicians.....	50	<	(nc)
<b>Mailing, reproduction, and stenographic (SIC 7330)</b>			
Scientific and technical personnel.....	8,150	2.5	(nc)
Scientists.....	1,190	0.4	(nc)
Operations and systems researchers and analysts.....	60	<	3
All other mathematicians.....	80	<	(nc)
Social scientists.....	100	<	4
Economists.....	100	<	4
Computer analysts.....	950	0.3	(nc)
Managers of scientific and technical personnel.....	550	0.2	6
Engineers.....	570	0.2	(nc)
Computer.....	270	0.1	4
Electrical/electronics.....	80	<	2
Industrial.....	30	<	13
Mechanical.....	60	<	2
Sales.....	40	<	0
Other, n.e.c.....	90	<	(nc)
Technicians.....	5,840	1.8	(nc)
Computer programmer.....	3,570	1.1	11
Drafter.....	1,210	0.4	17
Electrical/electronics engineering technician.....	290	0.1	30
Mechanical engineering technicians.....	410	0.1	9
All other engineering technicians.....	360	0.1	(nc)
<b>Services to buildings (SIC 7340)</b>			
Scientific and technical personnel.....	900	0.1	(nc)
Scientists.....	170	<	(nc)
Physical scientists.....	110	<	(nc)
All other physical scientists.....	110	<	(nc)
Computer analysts.....	60	<	35
All other engineering technicians.....	50	0.1	(nc)

See explanatory information and SOURCE at end of table.

Industry and SET occupation	Filled positions	SET intensity <sup>1</sup>	Relative standard error
<b>Services to buildings (SIC 7340) -- continued:</b>			
Engineers.....	420	<	(nc)
Mechanical.....	100	<	25
Other, n.e.c.....	320	<	(nc)
Technicians.....	310	<	(nc)
Computer programmer.....	60	<	12
All other engineering technicians.....	250	<	(nc)
<b>Misc. equipment rental and leasing (SIC 7350)</b>			
Scientific and technical personnel.....	2,660	1	(nc)
Scientists.....	270	0.1	(nc)
Computer analysts.....	270	0.1	(nc)
Managers of scientific and technical personnel.....	100	<	6
Engineers.....	780	0.3	(nc)
Computer.....	90	<	13
Electrical/electronics.....	120	0.1	25
Mechanical.....	240	0.1	16
Sales.....	170	0.1	44
Other, n.e.c.....	160	0.1	(nc)
Technicians.....	1,510	0.6	(nc)
Computer programmer.....	320	0.1	5
Drafter.....	120	0.1	9
Electrical/electronics engineering technician.....	510	0.2	10
All other engineering technicians.....	560	0.2	(nc)
<b>Personnel supply services (SIC 7360)</b>			
Scientific and technical personnel.....	145,480	4.3	(nc)
Scientists.....	21,360	0.6	(nc)
Operations and systems researchers and analysts.....	1,560	0.1	10
All other mathematicians.....	80	<	(nc)
Physical scientists.....	3,340	0.1	(nc)
Chemists.....	2,000	0.1	5
Geologists, geophysicists, and earth scientists.....	280	<	21
All other physical scientists.....	1,060	<	(nc)
Life scientists.....	360	<	(nc)
All other life scientists.....	360	<	(nc)
Social scientists.....	860	<	(nc)
All other social scientists.....	860	<	(nc)
Computer analysts.....	15,160	0.5	(nc)
All other engineering technicians.....	50	0.1	(nc)

See explanatory information and SOURCE at end of table.

Industry and SET occupation	Filled positions	SET intensity <sup>1</sup>	Relative standard error
<b>Personnel supply services (SIC 7360) -- continued:</b>			
<b>Managers of scientific and technical personnel.....</b>	1,410	<	7
<b>Engineers.....</b>	38,360	1.1	(nc)
Aeronautical.....	6,190	0.2	7
Computer.....	7,440	0.2	10
Electrical/electronics.....	5,800	0.2	41
Industrial.....	1,720	0.1	13
Mechanical.....	4,700	0.1	7
Sales.....	570	<	2
Other, n.e.c.....	11,940	0.4	(nc)
<b>Technicians.....</b>	84,350	2.5	(nc)
Computer programmer.....	20,360	0.6	6
Drafter.....	18,880	0.6	11
Surveyor.....	630	<	15
Electrical/electronics engineering technician.....	13,030	0.4	4
Mechanical engineering technicians.....	3,560	0.1	1
All other engineering technicians.....	20,600	0.6	(nc)
Physical and life science technicians.....	7,290	0.2	(nc)
All other physical and life science technicians.....	7,290	0.2	(nc)
<b>Computer and data processing services (SIC 7370)</b>			
<b>Scientific and technical personnel.....</b>	699,330	42.1	(nc)
<b>Scientists.....</b>	199,710	12	(nc)
Operations and systems researchers and analysts.....	15,130	0.9	5
Statisticians.....	180	<	1
All other mathematicians.....	440	<	7
Physical scientists.....	960	0.1	(nc)
Geologists, geophysicists, and earth scientists.....	110	<	47
Atmospheric and space scientists.....	300	<	11
All other physical scientists.....	550	<	(nc)
Social scientists.....	4,670	0.3	(nc)
Economists.....	4,040	0.2	26
All other social scientists.....	630	<	(nc)
Computer analysts.....	178,330	10.7	(nc)
<b>Managers of scientific and technical personnel.....</b>	38,570	2.3	2
All other engineering technicians.....	50	0.1	(nc)

See explanatory information and SOURCE at end of table.

Industry and SET occupation	Filled positions	SET intensity <sup>1</sup>	Relative standard error
<b>Computer and data processing services (SIC 7370) -- continued:</b>			
<b>Engineers.....</b>	182,140	10.9	(nc)
Aeronautical.....	320	<	29
Chemical.....	160	<	44
Computer.....	133,150	8	2
Electrical/electronics.....	18,640	1.1	7
Industrial.....	3,930	0.2	7
Mechanical.....	1,830	0.1	6
Sales.....	5,680	0.3	9
Other, n.e.c.....	18,430	1.1	(nc)
<b>Technicians.....</b>	278,910	16.8	(nc)
Computer programmer.....	245,790	14.7	2
Drafter.....	2,250	0.1	12
Surveyor.....	610	<	30
Electrical/electronics engineering technician.....	19,940	1.2	3
Mechanical engineering technicians.....	640	<	14
All other engineering technicians.....	9,250	0.6	(nc)
Physical and life science technicians.....	430	<	(nc)
All other physical and life science technicians.....	430	<	(nc)
<b>Misc. business services (SIC 7380)</b>			
<b>Scientific and technical personnel.....</b>	50,070	2.7	(nc)
<b>Scientists.....</b>	8,030	0.5	(nc)
Operations and systems researchers and analysts.....	880	0.1	28
Statisticians.....	150	<	36
Physical scientists.....	880	0.1	(nc)
Chemists.....	360	<	33
All other physical scientists.....	520	<	(nc)
Social scientists.....	530	<	12
Economists.....	530	<	12
Computer analysts.....	5,590	0.3	(nc)
<b>Managers of scientific and technical personnel.....</b>	1,840	0.1	11
<b>Engineers.....</b>	9,420	0.5	(nc)
Computer.....	2,070	0.1	44
Electrical/electronics.....	1,000	0.1	23
Industrial.....	320	<	20
Mechanical.....	1,760	0.1	30
Sales.....	820	<	25
Other, n.e.c.....	3,450	0.2	(nc)
All other engineering technicians.....	50	0.1	(nc)

See explanatory information and SOURCE at end of table.

Industry and SET occupation	Filled positions	SET intensity <sup>1</sup>	Relative standard error
<b>Misc. business services (SIC 7380) -- continued:</b>			
<b>Technicians.....</b>	30,780	1.7	(nc)
Computer programmer.....	10,980	0.6	15
Drafter.....	13,240	0.7	24
Surveyor.....	1,690	0.1	(nc)
Electrical/electronics engineering technician.....	2,210	0.1	18
Mechanical engineering technicians.....	520	<	11
All other engineering technicians.....	1,560	0.1	(nc)
Physical and life science technicians.....	580	<	(nc)
Chemical technicians, except health.....	100	<	48
All other physical and life science technicians.....	480	<	(nc)
<b>Automobile rentals, no drivers (SIC 7510)</b>			
<b>Scientific and technical personnel.....</b>	1,790	0.9	(nc)
<b>Scientists.....</b>	350	0.2	(nc)
Computer analysts.....	350	0.2	(nc)
<b>Managers of scientific and technical personnel.....</b>	120	0.1	1
<b>Engineers.....</b>	50	<	(nc)
Other, n.e.c.....	50	<	(nc)
<b>Technicians.....</b>	1,270	0.6	1
Computer programmer.....	1,270	0.6	1
<b>Automobile parking (SIC 7520)</b>			
<b>Scientific and technical personnel.....</b>	30	<	(nc)
<b>Scientists.....</b>	30	<	(nc)
Computer analysts.....	30	<	(nc)
<b>Automobile repair shops (SIC 7530)</b>			
<b>Scientific and technical personnel.....</b>	310	0.1	(nc)
<b>Scientists.....</b>	40	<	24
Computer analysts.....	40	<	24
<b>Managers of scientific and technical personnel.....</b>	40	<	8
<b>Engineers.....</b>	60	<	(nc)
Other, n.e.c.....	60	<	(nc)
All other engineering technicians.....	50	0.1	(nc)

See explanatory information and SOURCE at end of table.

Industry and SET occupation	Filled positions	SET intensity <sup>1</sup>	Relative standard error
<b>Automobile repair shops (SIC 7530) -- continued:</b>			
<b>Technicians.....</b>	170	<	(nc)
Computer programmer.....	50	<	39
All other engineering technicians.....	120	<	(nc)
<b>Automobile services, except repair (SIC 7540)</b>			
<b>Scientific and technical personnel.....</b>	330	0.1	(nc)
<b>Scientists.....</b>	70	<	(nc)
Computer analysts.....	70	<	(nc)
<b>Engineers.....</b>	40	<	(nc)
Other, n.e.c.....	40	<	(nc)
<b>Technicians.....</b>	220	0.1	(nc)
All other engineering technicians.....	220	0.1	(nc)
<b>Electrical repair shops (SIC 7620)</b>			
<b>Scientific and technical personnel.....</b>	2,930	2.6	(nc)
<b>Scientists.....</b>	150	0.1	(nc)
Computer analysts.....	150	0.1	(nc)
<b>Managers of scientific and technical personnel.....</b>	130	0.1	12
<b>Engineers.....</b>	980	0.9	(nc)
Computer.....	50	<	41
Electrical/electronics.....	230	0.2	19
Mechanical.....	30	<	28
Sales.....	30	<	7
Other, n.e.c.....	640	0.6	(nc)
<b>Technicians.....</b>	1,670	1.5	(nc)
Computer programmer.....	170	0.2	12
Drafter.....	60	0.1	14
Electrical/electronics engineering technician.....	610	0.5	26
All other engineering technicians.....	830	0.7	(nc)
<b>Misc. repair shops (SIC 7690)</b>			
<b>Scientific and technical personnel.....</b>	2,510	1.1	(nc)
<b>Scientists.....</b>	30	<	18
Computer analysts.....	30	<	18
All other engineering technicians.....	50	0.1	(nc)

See explanatory information and SOURCE at end of table.

Industry and SET occupation	Filled positions	SET intensity <sup>1</sup>	Relative standard error
<b>Misc. repair shops (SIC 7690) -- continued:</b>			
<b>Managers of scientific and technical personnel</b> .....	160	0.1	6
<b>Engineers</b> .....	990	0.4	(nc)
Electrical/electronics.....	100	<	37
Industrial.....	90	<	38
Other, n.e.c.....	800	0.3	(nc)
<b>Technicians</b> .....	1,330	0.6	(nc)
Computer programmer.....	90	<	8
Drafter.....	220	0.1	7
Electrical/electronics engineering technician.....	230	0.1	25
All other engineering technicians.....	590	0.3	(nc)
Physical and life science technicians.....	200	0.1	(nc)
All other physical and life science technicians.....	200	0.1	(nc)
<b>Motion picture production and services (SIC 7810)</b>			
<b>Scientific and technical personnel</b> .....	10,020	3.9	(nc)
<b>Scientists</b> .....	590	0.2	(nc)
Life scientists.....	70	<	(nc)
All other life scientists.....	70	<	(nc)
Computer analysts.....	520	0.2	(nc)
<b>Managers of scientific and technical personnel</b> .....	110	<	32
<b>Engineers</b> .....	1,490	0.6	(nc)
Electrical/electronics.....	680	0.3	23
Other, n.e.c.....	810	0.3	(nc)
<b>Technicians</b> .....	7,830	3	(nc)
Computer programmer.....	1,670	0.7	10
Electrical/electronics engineering technician.....	870	0.3	14
All other engineering technicians.....	5,290	2.1	(nc)
<b>Motion picture distribution and services (SIC 7820)</b>			
<b>Scientific and technical personnel</b> .....	1,280	7.4	(nc)
<b>Scientists</b> .....	190	1.1	(nc)
Computer analysts.....	190	1.1	(nc)
<b>Technicians</b> .....	1,090	6.3	(nc)
Computer programmer.....	310	1.8	4
All other engineering technicians.....	780	4.5	15

See explanatory information and SOURCE at end of table.

Industry and SET occupation	Filled positions	SET intensity <sup>1</sup>	Relative standard error
<b>Motion picture theaters (SIC 7830)</b>			
<b>Scientific and technical personnel</b> .....	200	0.2	(nc)
<b>Scientists</b> .....	160	0.1	(nc)
Computer analysts.....	160	0.1	(nc)
<b>Technicians</b> .....	40	<	12
All other engineering technicians.....	40	<	12
<b>Video tape rental (SIC 7840)</b>			
<b>Scientific and technical personnel</b> .....	160	0.1	(nc)
<b>Scientists</b> .....	50	<	12
Social scientists.....	50	<	12
Economists.....	50	<	12
<b>Managers of scientific and technical personnel</b> .....	110	0.1	12
<b>Producers, orchestras, and entertainers (SIC 7920)</b>			
<b>Scientific and technical personnel</b> .....	1,580	0.9	(nc)
<b>Scientists</b> .....	130	0.1	(nc)
Computer analysts.....	130	0.1	(nc)
<b>Engineers</b> .....	130	0.1	(nc)
Electrical/electronics.....	100	0.1	17
Other, n.e.c.....	30	<	19
<b>Technicians</b> .....	1,320	0.8	(nc)
Computer programmer.....	250	0.1	24
Electrical/electronics engineering technician.....	280	0.2	5
All other engineering technicians.....	790	0.5	(nc)
<b>Commercial sports (SIC 7940)</b>			
<b>Scientific and technical personnel</b> .....	1,110	0.9	(nc)
<b>Scientists</b> .....	150	0.1	(nc)
Computer analysts.....	150	0.1	(nc)
<b>Engineers</b> .....	170	0.1	(nc)
Electrical/electronics.....	70	0.1	13
Other, n.e.c.....	100	0.1	(nc)

See explanatory information and SOURCE at end of table.

Industry and SET occupation	Filled positions	SET intensity <sup>1</sup>	Relative standard error
<b>Commercial sports (SIC 7940) -- continued:</b>			
<b>Technicians.....</b>	790	0.7	(nc)
Computer programmer.....	70	0.1	3
Electrical/electronics engineering technician.....	60	0.1	0
All other engineering technicians.....	660	0.6	(nc)
<b>Misc. amusement, recreation services (SIC 7990)</b>			
<b>Scientific and technical personnel.....</b>	4,520	0.4	(nc)
<b>Scientists.....</b>	260	<	2
Computer analysts.....	260	<	2
<b>Engineers.....</b>	1,870	0.2	(nc)
Electrical/electronics.....	170	<	4
Other, n.e.c.....	1,700	0.1	(nc)
<b>Technicians.....</b>	2,390	0.2	(nc)
Computer programmer.....	360	<	3
Electrical/electronics engineering technician.....	1,170	0.1	2
All other engineering technicians.....	760	0.1	(nc)
Physical and life science technicians.....	100	<	(nc)
All other physical and life science technicians.....	100	<	(nc)
<b>Offices and clinics of medical doctors (SIC 8010)</b>			
<b>Scientific and technical personnel.....</b>	9,890	0.5	(nc)
<b>Scientists.....</b>	6,860	0.4	(nc)
Life scientists.....	740	<	(nc)
Biological scientists.....	310	<	10
Medical scientists.....	430	<	18
Social scientists.....	3,370	0.2	12
Psychologists.....	3,370	0.2	12
Computer analysts.....	2,750	0.2	(nc)
<b>Managers of scientific and technical personnel.....</b>	920	0.1	4
<b>Engineers.....</b>	700	<	(nc)
Computer.....	200	<	4
Other, n.e.c.....	500	<	(nc)

See explanatory information and SOURCE at end of table.

Industry and SET occupation	Filled positions	SET intensity <sup>1</sup>	Relative standard error
<b>Offices and clinics of medical doctors (SIC 8010) -- continued:</b>			
<b>Technicians.....</b>	1,410	0.1	(nc)
Computer programmer.....	810	<	3
Physical and life science technicians.....	600	<	(nc)
Biological science technician.....	200	<	8
Chemical technicians, except health.....	140	<	8
All other physical and life science technicians.....	260	<	(nc)
<b>Offices and clinics of dentists (SIC 8020)</b>			
<b>Scientific and technical personnel.....</b>	120	<	(nc)
<b>Scientists.....</b>	10	<	(nc)
Social scientists.....	10	<	(nc)
All other social scientists.....	10	<	(nc)
<b>Managers of scientific and technical personnel.....</b>	110	<	38
<b>Offices of osteopathic physicians (SIC 8030)</b>			
<b>Scientific and technical personnel.....</b>	30	0.1	18
<b>Scientists.....</b>	30	0.1	18
Social scientists.....	30	0.1	18
Psychologists.....	30	0.1	18
<b>Offices of other health practitioners (SIC 8040)</b>			
<b>Scientific and technical personnel.....</b>	9,820	2.2	(nc)
<b>Scientists.....</b>	9,680	2.1	(nc)
All other mathematicians.....	160	<	(nc)
Life scientists.....	60	<	(nc)
All other life scientists.....	60	<	(nc)
Social scientists.....	9,230	2	11
Psychologists.....	9,230	2	11
Computer analysts.....	230	0.1	3
<b>Managers of scientific and technical personnel.....</b>	70	<	9
<b>Technicians.....</b>	70	<	16
Computer programmer.....	70	<	16

See explanatory information and SOURCE at end of table.

Industry and SET occupation	Filled positions	SET intensity <sup>1</sup>	Relative standard error
<b>Nursing and personal care facilities (SIC 8050)</b>			
<b>Scientific and technical personnel</b> .....	1,400	0.1	(nc)
<b>Scientists</b> .....	790	<	(nc)
Social scientists.....	630	<	(nc)
Psychologists.....	410	<	7
All other social scientists.....	220	<	17
Computer analysts.....	160	<	12
<b>Managers of scientific and technical personnel</b> .....	380	<	13
<b>Engineers</b> .....	140	<	31
Mechanical.....	140	<	31
<b>Technicians</b> .....	90	<	23
Computer programmer.....	90	<	23
<b>Hospitals (SIC 8060)</b>			
<b>Scientific and technical personnel</b> .....	66,490	1.4	(nc)
<b>Scientists</b> .....	40,980	0.9	(nc)
All other mathematicians.....	2,000	<	(nc)
Physical scientists.....	850	<	(nc)
All other physical scientists.....	850	<	(nc)
Life scientists.....	8,530	0.2	(nc)
Biological scientists.....	3,510	0.1	1
Medical scientists.....	4,420	0.1	<
All other life scientists.....	600	<	(nc)
Social scientists.....	12,410	0.3	(nc)
Psychologists.....	10,080	0.2	<
All other social scientists.....	2,330	0.1	(nc)
Computer analysts.....	17,190	0.4	(nc)
<b>Managers of scientific and technical personnel</b> .....	6,420	0.1	<
<b>Engineers</b> .....	6,390	0.1	(nc)
Computer.....	1,700	<	<
Electrical/electronics.....	330	<	<
Industrial.....	410	<	1
Mechanical.....	1,510	<	3
Other, n.e.c.....	2,440	0.1	(nc)

See explanatory information and SOURCE at end of table.

Industry and SET occupation	Filled positions	SET intensity <sup>1</sup>	Relative standard error
<b>Hospitals (SIC 8060) -- continued:</b>			
<b>Technicians.....</b>	12,700	0.3	(nc)
Computer programmer.....	6,130	0.1	<
Electrical/electronics engineering technician.....	1,020	<	<
Mechanical engineering technicians.....	350	<	0
Civil engineering technician.....	430	<	0
All other engineering technicians.....	1,370	<	(nc)
Physical and life science technicians.....	3,400	0.1	(nc)
Biological science technician.....	890	<	0
Chemical technicians, except health.....	700	<	0
All other physical and life science technicians.....	1,810	<	(nc)
<b>Medical and dental laboratories (SIC 8070)</b>			
<b>Scientific and technical personnel.....</b>	5,490	2.7	(nc)
<b>Scientists.....</b>	3,220	1.6	(nc)
Physical scientists.....	240	0.1	(nc)
All other physical scientists.....	240	0.1	(nc)
Life scientists.....	2,280	1.1	(nc)
Biological scientists.....	1,420	0.7	6
Medical scientists.....	780	0.4	6
All other life scientists.....	80	<	(nc)
Computer analysts.....	700	0.3	(nc)
<b>Managers of scientific and technical personnel.....</b>	560	0.3	5
<b>Engineers.....</b>	400	0.2	(nc)
Computer.....	150	0.1	40
Electrical/electronics.....	50	<	15
Other, n.e.c.....	200	0.1	(nc)
<b>Technicians.....</b>	1,310	0.6	(nc)
Computer programmer.....	290	0.1	5
Electrical/electronics engineering technician.....	200	0.1	10
All other engineering technicians.....	90	<	(nc)
Physical and life science technicians.....	730	0.4	(nc)
Biological science technician.....	310	0.2	17
Chemical technicians, except health.....	180	0.1	11
All other physical and life science technicians.....	240	0.1	(nc)

See explanatory information and SOURCE at end of table.

Industry and SET occupation	Filled positions	SET intensity <sup>1</sup>	Relative standard error
<b>Home health care services (SIC 8080)</b>			
<b>Scientific and technical personnel</b> .....	710	0.1	(nc)
<b>Scientists</b> .....	400	0.1	(nc)
Social scientists.....	90	<	(nc)
Psychologists.....	50	<	19
All other social scientists.....	40	<	22
Computer analysts.....	310	0.1	(nc)
<b>Managers of scientific and technical personnel</b> .....	190	<	7
<b>Technicians</b> .....	120	<	6
Computer programmer.....	120	<	6
<b>Health and allied services, n.e.c. (SIC 8090)</b>			
<b>Scientific and technical personnel</b> .....	7,780	2.3	(nc)
<b>Scientists</b> .....	6,160	1.8	(nc)
Life scientists.....	150	<	(nc)
Biological scientists.....	40	<	16
Medical scientists.....	110	<	0
Social scientists.....	5,460	1.6	(nc)
Psychologists.....	4,890	1.4	7
All other social scientists.....	570	0.2	6
Computer analysts.....	550	0.2	(nc)
<b>Managers of scientific and technical personnel</b> .....	480	0.1	18
<b>Engineers</b> .....	150	0.1	(nc)
Computer.....	60	<	6
Other, n.e.c. ....	90	<	(nc)
<b>Technicians</b> .....	990	0.3	(nc)
Computer programmer.....	410	0.1	18
All other engineering technicians.....	130	<	(nc)
Physical and life science technicians.....	450	0.1	(nc)
Biological science technician.....	100	<	5
All other physical and life science technicians.....	350	0.1	(nc)

See explanatory information and SOURCE at end of table.

Industry and SET occupation	Filled positions	SET intensity <sup>1</sup>	Relative standard error
<b>Legal services (SIC 8110)</b>			
<b>Scientific and technical personnel</b> .....	2,310	0.2	(nc)
<b>Scientists</b> .....	1,330	0.1	(nc)
Operations and systems researchers and analysts.....	90	<	0
All other mathematicians.....	90	<	(nc)
Social scientists.....	170	<	(nc)
All other social scientists.....	170	<	(nc)
Computer analysts.....	980	0.1	(nc)
<b>Managers of scientific and technical personnel</b> .....	260	<	8
<b>Engineers</b> .....	200	<	14
Computer.....	200	<	14
<b>Technicians</b> .....	520	0.1	11
Computer programmer.....	520	0.1	11
<b>Elementary and secondary schools (SIC 8210)</b>			
<b>Scientific and technical personnel</b> .....	34,840	0.5	(nc)
<b>Scientists</b> .....	31,510	0.4	(nc)
Social scientists.....	29,550	0.4	(nc)
Psychologists.....	28,970	0.4	1
All other social scientists.....	580	<	(nc)
Computer analysts.....	1,960	<	6
<b>Managers of scientific and technical personnel</b> .....	690	<	6
<b>Engineers</b> .....	990	<	(nc)
Other, n.e.c.....	990	<	(nc)
<b>Technicians</b> .....	1,650	<	4
Computer programmer.....	1,650	<	4

See explanatory information and SOURCE at end of table.

Industry and SET occupation	Filled positions	SET intensity <sup>1</sup>	Relative standard error
<b>Colleges, universities, and professional (SIC 8220)</b>			
<b>Scientific and technical personnel.....</b>	60,150	2.1	(nc)
<b>Scientists.....</b>	35,530	1.3	(nc)
Operations and systems researchers and analysts.....	530	<	0
Statisticians.....	350	<	0
All other mathematicians.....	2,180	0.1	1
Physical scientists.....	630	<	(nc)
Geologists, geophysicists, and earth scientists.....	240	<	0
All other physical scientists.....	390	<	(nc)
Life scientists.....	1,980	0.1	(nc)
Biological scientists.....	880	<	3
Medical scientists.....	1,100	<	4
Social scientists.....	9,950	0.4	(nc)
Psychologists.....	3,000	0.1	1
Urban and regional planners.....	420	<	<
All other social scientists.....	6,530	0.2	(nc)
Computer analysts.....	19,910	0.7	(nc)
<b>Managers of scientific and technical personnel.....</b>	6,070	0.2	1
<b>Engineers.....</b>	1,100	<	(nc)
Computer.....	230	<	8
Other, n.e.c.....	870	<	(nc)
<b>Technicians.....</b>	17,450	0.6	(nc)
Computer programmer.....	13,300	0.5	<
Drafter.....	160	<	0
Electrical/electronics engineering technician.....	490	<	1
Civil engineering technician.....	270	<	9
All other engineering technicians.....	1,000	<	(nc)
Physical and life science technicians.....	1,640	0.1	(nc)
Biological science technician.....	450	<	3
All other physical and life science technicians.....	1,190	<	(nc)
Mathematical technicians.....	590	<	0
<b>Libraries (SIC 8230)</b>			
<b>Scientific and technical personnel.....</b>	80	0.3	(nc)
<b>Scientists.....</b>	80	0.3	(nc)
Computer analysts.....	80	0.3	(nc)

See explanatory information and SOURCE at end of table.

Industry and SET occupation	Filled positions	SET intensity <sup>1</sup>	Relative standard error
<b>Vocational schools (SIC 8240)</b>			
<b>Scientific and technical personnel</b> .....	1,770	1.5	(nc)
<b>Scientists</b> .....	480	0.4	(nc)
Social scientists.....	120	0.1	(nc)
All other social scientists.....	120	0.1	(nc)
Computer analysts.....	360	0.3	32
<b>Managers of scientific and technical personnel</b> .....	200	0.2	29
<b>Engineers</b> .....	470	0.4	(nc)
Other, n.e.c. ....	470	0.4	(nc)
<b>Technicians</b> .....	620	0.5	(nc)
Computer programmer.....	550	0.5	9
All other engineering technicians.....	30	<	(nc)
Physical and life science technicians.....	40	<	(nc)
All other physical and life science technicians.....	40	<	(nc)
<b>Schools and educational services, n.e.c. (SIC 8290)</b>			
<b>Scientific and technical personnel</b> .....	2,030	1.1	(nc)
<b>Scientists</b> .....	950	0.5	(nc)
Operations and systems researchers and analysts.....	50	<	0
Physical scientists.....	70	<	(nc)
All other physical scientists.....	70	<	(nc)
Social scientists.....	240	0.1	(nc)
Psychologists.....	150	0.1	9
All other social scientists.....	90	0.1	(nc)
Computer analysts.....	590	0.3	(nc)
<b>Managers of scientific and technical personnel</b> .....	260	0.1	31
<b>Engineers</b> .....	270	0.1	(nc)
Computer.....	40	<	22
Other, n.e.c. ....	230	0.1	(nc)
<b>Technicians</b> .....	550	0.3	(nc)
Computer programmer.....	360	0.2	10
Mechanical engineering technicians.....	50	<	0
All other engineering technicians.....	70	<	(nc)
Physical and life science technicians.....	70	<	(nc)
All other physical and life science technicians.....	70	<	(nc)

See explanatory information and SOURCE at end of table.

Industry and SET occupation	Filled positions	SET intensity <sup>1</sup>	Relative standard error
<b>Individual and family services (SIC 8320)</b>			
<b>Scientific and technical personnel</b> .....	5,700	0.8	(nc)
<b>Scientists</b> .....	5,170	0.7	(nc)
Statisticians.....	60	<	9
Social scientists.....	4,710	0.6	(nc)
Economists.....	90	<	31
Psychologists.....	4,020	0.6	6
All other social scientists.....	600	0.1	(nc)
Computer analysts.....	400	0.1	(nc)
<b>Managers of scientific and technical personnel</b> .....	150	<	8
<b>Technicians</b> .....	380	0.1	(nc)
Computer programmer.....	300	<	14
Physical and life science technicians.....	80	<	(nc)
All other physical and life science technicians.....	80	<	(nc)
<b>Job training and related services (SIC 8330)</b>			
<b>Scientific and technical personnel</b> .....	1,450	0.5	(nc)
<b>Scientists</b> .....	800	0.3	(nc)
Statisticians.....	40	<	23
Social scientists.....	520	0.2	(nc)
Psychologists.....	390	0.1	3
All other social scientists.....	130	0.1	(nc)
Computer analysts.....	240	0.1	(nc)
<b>Managers of scientific and technical personnel</b> .....	70	<	6
<b>Engineers</b> .....	370	0.1	(nc)
Other, n.e.c. ....	370	0.1	(nc)
<b>Technicians</b> .....	210	0.1	(nc)
Computer programmer.....	120	<	5
All other engineering technicians.....	90	<	(nc)
<b>Child day care services (SIC 8350)</b>			
<b>Scientific and technical personnel</b> .....	210	<	13
<b>Scientists</b> .....	210	<	13
Social scientists.....	210	<	13
Psychologists.....	210	<	13

See explanatory information and SOURCE at end of table.

Industry and SET occupation	Filled positions	SET intensity <sup>1</sup>	Relative standard error
<b>Residential care (SIC 8360)</b>			
<b>Scientific and technical personnel</b> .....	3,590	0.5	(nc)
<b>Scientists</b> .....	3,220	0.4	(nc)
Social scientists.....	3,000	0.4	(nc)
Psychologists.....	2,080	0.3	5
All other social scientists.....	920	0.1	(nc)
Computer analysts.....	220	<	(nc)
<b>Managers of scientific and technical personnel</b> .....	150	<	5
<b>Technicians</b> .....	220	<	(nc)
Computer programmer.....	140	<	5
All other engineering technicians.....	80	<	(nc)
<b>Social services, n.e.c. (SIC 8390)</b>			
<b>Scientific and technical personnel</b> .....	2,080	1	(nc)
<b>Scientists</b> .....	1,540	0.7	(nc)
Statisticians.....	40	<	18
Life scientists.....	120	0.1	(nc)
Biological scientists.....	30	<	43
All other life scientists.....	90	<	(nc)
Social scientists.....	1,060	0.5	(nc)
Economists.....	190	0.1	8
Psychologists.....	290	0.1	19
All other social scientists.....	580	0.3	(nc)
Computer analysts.....	320	0.2	(nc)
<b>Managers of scientific and technical personnel</b> .....	170	0.1	7
<b>Engineers</b> .....	70	<	(nc)
Other, n.e.c. ....	70	<	(nc)
<b>Technicians</b> .....	300	0.1	(nc)
Computer programmer.....	180	0.1	6
All other engineering technicians.....	120	0.1	(nc)

See explanatory information and SOURCE at end of table.

Industry and SET occupation	Filled positions	SET intensity <sup>1</sup>	Relative standard error
<b>Museums and art galleries (SIC 8410)</b>			
<b>Scientific and technical personnel</b> .....	1,010	1.4	(nc)
<b>Scientists</b> .....	460	0.6	(nc)
Physical scientists.....	110	0.2	(nc)
All other physical scientists.....	110	0.2	(nc)
Life scientists.....	70	0.1	(nc)
All other life scientists.....	70	0.1	(nc)
Social scientists.....	80	0.1	(nc)
All other social scientists.....	80	0.1	(nc)
Computer analysts.....	200	0.3	(nc)
<b>Managers of scientific and technical personnel</b> .....	160	0.2	4
<b>Engineers</b> .....	60	0.1	(nc)
Other, n.e.c. ....	60	0.1	(nc)
<b>Technicians</b> .....	330	0.5	(nc)
Computer programmer.....	60	0.1	6
All other engineering technicians.....	80	0.1	(nc)
Physical and life science technicians.....	190	0.3	(nc)
All other physical and life science technicians.....	190	0.3	(nc)
<b>Botanical and zoological gardens (SIC 8420)</b>			
<b>Scientific and technical personnel</b> .....	710	3.2	(nc)
<b>Scientists</b> .....	270	1.2	(nc)
Life scientists.....	210	0.9	(nc)
All other life scientists.....	210	0.9	(nc)
Computer analysts.....	60	0.3	(nc)
<b>Managers of scientific and technical personnel</b> .....	110	0.5	2
<b>Engineers</b> .....	40	0.2	(nc)
Other, n.e.c. ....	40	0.2	(nc)
<b>Technicians</b> .....	290	1.3	(nc)
All other engineering technicians.....	40	0.2	(nc)
Physical and life science technicians.....	250	1.1	(nc)
All other physical and life science technicians.....	250	1.1	(nc)

See explanatory information and SOURCE at end of table.

Industry and SET occupation	Filled positions	SET intensity <sup>1</sup>	Relative standard error
<b>Business associations (SIC 8610)</b>			
<b>Scientific and technical personnel</b> .....	3,000	2.8	(nc)
<b>Scientists</b> .....	1,670	1.5	(nc)
Statisticians.....	360	0.3	8
All other mathematicians.....	130	0.1	(nc)
Physical scientists.....	60	0.1	(nc)
All other physical scientists.....	60	0.1	(nc)
Social scientists.....	460	0.4	(nc)
Economists.....	340	0.3	14
All other social scientists.....	120	0.1	(nc)
Computer analysts.....	660	0.6	(nc)
<b>Managers of scientific and technical personnel</b> .....	350	0.3	11
<b>Engineers</b> .....	360	0.3	(nc)
Other, n.e.c. ....	360	0.3	(nc)
<b>Technicians</b> .....	620	0.6	(nc)
Computer programmer.....	390	0.4	5
All other engineering technicians.....	170	0.2	(nc)
Physical and life science technicians.....	60	0.1	(nc)
Biological science technician.....	30	<	31
All other physical and life science technicians.....	30	<	(nc)
<b>Professional organizations (SIC 8620)</b>			
<b>Scientific and technical personnel</b> .....	1,900	3	(nc)
<b>Scientists</b> .....	1,310	2.1	(nc)
Statisticians.....	290	0.5	5
Physical scientists.....	60	0.1	(nc)
All other physical scientists.....	60	0.1	(nc)
Social scientists.....	390	0.6	(nc)
Economists.....	170	0.3	28
All other social scientists.....	220	0.4	(nc)
Computer analysts.....	570	0.9	(nc)
<b>Managers of scientific and technical personnel</b> .....	180	0.3	6
<b>Engineers</b> .....	80	0.1	(nc)
Other, n.e.c. ....	80	0.1	(nc)
<b>Technicians</b> .....	330	0.5	(nc)
Computer programmer.....	300	0.5	3
All other engineering technicians.....	30	0.1	(nc)

See explanatory information and SOURCE at end of table.

Industry and SET occupation	Filled positions	SET intensity <sup>1</sup>	Relative standard error
<b>Labor organizations (SIC 8630)</b>			
<b>Scientific and technical personnel</b> .....	250	0.2	(nc)
<b>Scientists</b> .....	130	0.1	(nc)
Social scientists.....	60	<	(nc)
All other social scientists.....	60	<	(nc)
Computer analysts.....	70	0.1	5
<b>Technicians</b> .....	120	0.1	12
Computer programmer.....	120	0.1	12
<b>Civic and social associations (SIC 8640)</b>			
<b>Scientific and technical personnel</b> .....	2,590	0.5	(nc)
<b>Scientists</b> .....	1,170	0.2	(nc)
Statisticians.....	80	<	40
Physical scientists.....	70	<	(nc)
All other physical scientists.....	70	<	(nc)
Life scientists.....	350	0.1	(nc)
Biological scientists.....	90	<	5
Foresters and conservation scientists.....	40	<	6
All other life scientists.....	220	<	23
Social scientists.....	330	0.1	(nc)
Economists.....	80	<	26
Psychologists.....	90	<	4
Urban and regional planners.....	90	<	16
All other social scientists.....	70	<	6
Computer analysts.....	340	0.1	(nc)
<b>Managers of scientific and technical personnel</b> .....	250	0.1	4
<b>Engineers</b> .....	340	0.1	(nc)
Civil.....	40	<	24
Other, n.e.c.....	300	0.1	(nc)
<b>Technicians</b> .....	830	0.2	(nc)
Computer programmer.....	230	0.1	6
Drafter.....	160	<	2
All other engineering technicians.....	150	<	(nc)
Physical and life science technicians.....	290	0.1	(nc)
Biological science technician.....	80	<	13
All other physical and life science technicians.....	210	<	(nc)

See explanatory information and SOURCE at end of table.

Industry and SET occupation	Filled positions	SET intensity <sup>1</sup>	Relative standard error
<b>Political organizations (SIC 8650)</b>			
<b>Scientific and technical personnel</b> .....	70	0.8	(nc)
<b>Scientists</b> .....	70	0.8	(nc)
Computer analysts.....	70	0.8	(nc)
<b>Religious organizations (SIC 8660)</b>			
<b>Scientific and technical personnel</b> .....	640	0.5	(nc)
<b>Scientists</b> .....	390	0.3	(nc)
Social scientists.....	110	0.1	(nc)
Psychologists.....	80	0.1	27
All other social scientists.....	30	<	(nc)
Computer analysts.....	280	0.2	(nc)
<b>Managers of scientific and technical personnel</b> .....	50	<	21
<b>Engineers</b> .....	50	<	(nc)
Other, n.e.c. ....	50	<	(nc)
<b>Technicians</b> .....	150	0.1	10
Computer programmer.....	150	0.1	10
<b>Membership organizations, n.e.c. (SIC 8690)</b>			
<b>Scientific and technical personnel</b> .....	1,040	1.4	(nc)
<b>Scientists</b> .....	780	1	(nc)
Life scientists.....	310	0.4	(nc)
Foresters and conservation scientists.....	40	0.1	20
All other life scientists.....	270	0.4	(nc)
Social scientists.....	40	0.1	(nc)
All other social scientists.....	40	0.1	(nc)
Computer analysts.....	430	0.6	(nc)
<b>Managers of scientific and technical personnel</b> .....	120	0.2	12
<b>Technicians</b> .....	140	0.2	(nc)
Physical and life science technicians.....	140	0.2	(nc)
All other physical and life science technicians.....	140	0.2	(nc)

See explanatory information and SOURCE at end of table.

Industry and SET occupation	Filled positions	SET intensity <sup>1</sup>	Relative standard error
<b>Engineering and architectural services (SIC 8710)</b>			
<b>Scientific and technical personnel.....</b>	533,490	57.4	(nc)
<b>Scientists.....</b>	37,430	4	(nc)
Operations and systems researchers and analysts.....	2,140	0.2	7
All other mathematicians.....	2,460	0.3	(nc)
Physical scientists.....	13,960	1.5	(nc)
Chemists.....	1,900	0.2	10
Geologists, geophysicists, and earth scientists.....	7,470	0.8	12
Physicists and astronomers.....	240	<	17
All other physical scientists.....	4,350	0.5	(nc)
Life scientists.....	1,940	0.2	(nc)
Biological scientists.....	790	0.1	8
Foresters and conservation scientists.....	250	<	6
All other life scientists.....	900	0.1	(nc)
Social scientists.....	2,740	0.3	(nc)
Economists.....	460	0.1	21
Urban and regional planners.....	1,510	0.2	9
All other social scientists.....	770	0.1	(nc)
Computer analysts.....	14,190	1.5	(nc)
<b>Managers of scientific and technical personnel.....</b>	30,090	3.2	2
<b>Engineers.....</b>	210,150	22.6	(nc)
Aeronautical.....	3,070	0.3	9
Agricultural.....	680	0.1	20
Chemical.....	4,820	0.5	6
Civil.....	79,180	8.5	1
Computer.....	11,800	1.3	3
Electrical/electronics.....	34,100	3.7	3
Industrial.....	3,870	0.4	8
Marine.....	1,320	0.1	12
Mechanical.....	37,100	4	3
Metallurgical/metallurgists.....	390	<	7
Safety.....	1,740	0.2	9
Nuclear.....	1,280	0.1	19
Sales.....	1,960	0.2	8
Other, n.e.c.....	28,840	3.1	(nc)

See explanatory information and SOURCE at end of table.

Industry and SET occupation	Filled positions	SET intensity <sup>1</sup>	Relative standard error
<b>Engineering and architectural services (SIC 8710) -- continued:</b>			
<b>Technicians.....</b>	255,820	27.5	(nc)
Computer programmer.....	8,710	0.9	3
Drafter.....	94,320	10.1	2
Surveyor.....	67,970	7.3	(nc)
Electrical/electronics engineering technician.....	16,420	1.8	8
Mechanical engineering technicians.....	13,850	1.5	5
Civil engineering technician.....	32,990	3.6	3
All other engineering technicians.....	17,510	1.9	(nc)
Physical and life science technicians.....	4,050	0.4	(nc)
Biological science technician.....	270	<	16
Chemical technicians, except health.....	900	0.1	11
Nuclear technicians.....	370	<	15
All other physical and life science technicians.....	2,510	0.3	(nc)
<b>Accounting, auditing, and bookkeeping (SIC 8720)</b>			
<b>Scientific and technical personnel.....</b>	15,770	2.5	(nc)
<b>Scientists.....</b>	8,830	1.4	(nc)
Operations and systems researchers and analysts.....	1,020	0.2	24
Statisticians.....	100	<	19
All other mathematicians.....	120	<	9
Physical scientists.....	190	<	(nc)
Chemists.....	30	<	4
All other physical scientists.....	160	<	(nc)
Social scientists.....	930	0.2	(nc)
Economists.....	170	<	3
All other social scientists.....	760	0.1	(nc)
Computer analysts.....	6,470	1	(nc)
<b>Managers of scientific and technical personnel.....</b>	1,040	0.2	4
<b>Engineers.....</b>	1,710	0.3	(nc)
Computer.....	670	0.1	2
Electrical/electronics.....	580	0.1	0
Mechanical.....	100	<	11
Other, n.e.c.....	360	0.1	(nc)
<b>Technicians.....</b>	4,190	0.7	(nc)
Computer programmer.....	3,440	0.6	7
Drafter.....	100	<	11
Surveyor.....	50	<	7
All other engineering technicians.....	520	0.1	(nc)
Physical and life science technicians.....	80	<	(nc)
All other physical and life science technicians.....	80	<	(nc)

See explanatory information and SOURCE at end of table.

Industry and SET occupation	Filled positions	SET intensity <sup>1</sup>	Relative standard error
<b>Research and testing services (SIC 8730)</b>			
<b>Scientific and technical personnel.....</b>	244,730	39.4	(nc)
<b>Scientists.....</b>	99,510	16	(nc)
Operations and systems researchers and analysts.....	11,060	1.8	2
Statisticians.....	3,300	0.5	10
All other mathematicians.....	540	0.1	(nc)
Physical scientists.....	25,900	4.2	(nc)
Chemists.....	13,580	2.2	2
Geologists, geophysicists, and earth scientists.....	1,940	0.3	6
Atmospheric and space scientists.....	1,580	0.3	8
Physicists and astronomers.....	3,880	0.6	8
All other physical scientists.....	4,920	0.8	3
Life scientists.....	30,520	4.9	(nc)
Agricultural scientists.....	1,140	0.2	10
Biological scientists.....	19,680	3.2	4
Medical scientists.....	4,860	0.8	5
Foresters and conservation scientists.....	60	<	25
All other life scientists.....	4,780	0.8	15
Social scientists.....	16,840	2.7	(nc)
Economists.....	10,980	1.8	7
Psychologists.....	1,570	0.3	34
Urban and regional planners.....	750	0.1	11
All other social scientists.....	3,540	0.6	8
Computer analysts.....	11,350	1.8	(nc)
<b>Managers of scientific and technical personnel.....</b>	16,560	2.7	2
<b>Engineers.....</b>	55,340	8.9	(nc)
Agricultural.....	320	0.1	24
Chemical.....	2,130	0.3	8
Civil.....	1,830	0.3	10
Computer.....	5,310	0.9	4
Electrical/electronics.....	9,740	1.6	3
Industrial.....	1,080	0.2	6
Marine.....	80	<	33
Mechanical.....	5,910	1	16
Metallurgical/metallurgists.....	1,540	0.3	7
Safety.....	810	0.1	7
Nuclear.....	2,170	0.4	1
Sales.....	510	0.1	10
Other, n.e.c.....	23,910	3.9	(nc)

See explanatory information and SOURCE at end of table.

Industry and SET occupation	Filled positions	SET intensity <sup>1</sup>	Relative standard error
<b>Research and testing services (SIC 8730) -- continued:</b>			
<b>Technicians.....</b>	73,320	11.8	(nc)
Computer programmer.....	9,650	1.6	2
Drafter.....	1,640	0.3	4
Surveyor.....	820	0.1	(nc)
Electrical/electronics engineering technician.....	7,910	1.3	6
Mechanical engineering technicians.....	5,260	0.9	4
Civil engineering technician.....	2,560	0.4	8
All other engineering technicians.....	11,790	1.9	(nc)
Physical and life science technicians.....	33,690	5.4	(nc)
Biological science technician.....	11,900	1.9	4
Chemical technicians, except health.....	11,680	1.9	2
Nuclear technicians.....	1,290	0.2	20
All other physical and life science technicians.....	8,820	1.4	(nc)
<b>Management and public relations (SIC 8740)</b>			
<b>Scientific and technical personnel.....</b>	161,100	15.1	(nc)
<b>Scientists.....</b>	60,030	5.7	(nc)
Operations and systems researchers and analysts.....	7,380	0.7	5
Statisticians.....	760	0.1	10
All other mathematicians.....	1,200	0.1	(nc)
Physical scientists.....	10,920	1	(nc)
Chemists.....	1,720	0.2	8
Geologists, geophysicists, and earth scientists.....	4,900	0.5	2
Atmospheric and space scientists.....	200	<	26
Physicists and astronomers.....	370	<	38
All other physical scientists.....	3,730	0.4	9
Life scientists.....	6,310	0.6	(nc)
Agricultural scientists.....	880	0.1	22
Biological scientists.....	3,390	0.3	24
Medical scientists.....	850	0.1	29
All other life scientists.....	1,190	0.1	(nc)
Social scientists.....	14,460	1.4	(nc)
Economists.....	6,950	0.7	12
Psychologists.....	1,550	0.2	20
Urban and regional planners.....	2,950	0.3	16
All other social scientists.....	3,010	0.3	10
Computer analysts.....	19,000	1.8	(nc)
<b>Managers of scientific and technical personnel.....</b>	10,640	1	6

See explanatory information and SOURCE at end of table.

Industry and SET occupation	Filled positions	SET intensity <sup>1</sup>	Relative standard error
<b>Management and public relations (SIC 8740) -- continued:</b>			
<b>Engineers.....</b>	46,080	4.4	(nc)
Aeronautical.....	940	0.1	28
Agricultural.....	230	<	17
Chemical.....	1,070	0.1	4
Civil.....	5,490	0.5	5
Computer.....	11,960	1.1	6
Electrical/electronics.....	10,440	1	1
Industrial.....	2,890	0.3	11
Marine.....	90	<	12
Mechanical.....	3,260	0.3	6
Metallurgical/metallurgists.....	170	<	17
Safety.....	1,750	0.2	14
Sales.....	490	0.1	8
Other, n.e.c.....	7,300	0.7	(nc)
<b>Technicians.....</b>	44,350	4.2	(nc)
Computer programmer.....	21,700	2.1	3
Drafter.....	4,350	0.4	9
Surveyor.....	1,430	0.1	(nc)
Electrical/electronics engineering technician.....	3,440	0.3	7
Mechanical engineering technicians.....	1,120	0.1	5
Civil engineering technician.....	2,330	0.2	12
All other engineering technicians.....	5,640	0.5	(nc)
Physical and life science technicians.....	4,340	0.4	(nc)
Biological science technician.....	820	0.1	14
Chemical technicians, except health.....	680	0.1	12
Nuclear technicians.....	520	0.1	24
All other physical and life science technicians.....	2,320	0.2	(nc)
<b>Services, n.e.c. (SIC 8990)</b>			
<b>Scientific and technical personnel.....</b>	13,170	25.1	(nc)
<b>Scientists.....</b>	6,990	13.3	(nc)
Operations and systems researchers and analysts.....	110	0.2	8
Statisticians.....	170	0.3	14
All other mathematicians.....	1,970	3.8	(nc)
Physical scientists.....	3,830	7.3	(nc)
Chemists.....	170	0.3	18
Geologists, geophysicists, and earth scientists.....	2,000	3.8	10
Atmospheric and space scientists.....	870	1.7	26
Physicists and astronomers.....	140	0.3	37
All other physical scientists.....	650	1.2	15
Life scientists.....	250	0.5	(nc)
Biological scientists.....	120	0.2	35
All other life scientists.....	130	0.3	(nc)

See explanatory information and SOURCE at end of table.

Industry and SET occupation	Filled positions	SET intensity <sup>1</sup>	Relative standard error
<b>Services, n.e.c. (SIC 8990)</b>			
<b>Scientists -- continued:</b>			
Social scientists.....	390	0.8	(nc)
Economists.....	40	0.1	20
All other social scientists.....	350	0.7	(nc)
Computer analysts.....	270	0.5	(nc)
<b>Managers of scientific and technical personnel.....</b>	<b>640</b>	<b>1.2</b>	<b>11</b>
<b>Engineers.....</b>	<b>1,630</b>	<b>3.1</b>	<b>(nc)</b>
Agricultural.....	30	0.1	16
Chemical.....	60	0.1	13
Civil.....	320	0.6	10
Computer.....	160	0.3	10
Electrical/electronics.....	120	0.2	13
Mechanical.....	80	0.2	28
Safety.....	60	0.1	16
Nuclear.....	50	0.1	33
Other, n.e.c.....	750	1.4	(nc)
<b>Technicians.....</b>	<b>3,910</b>	<b>7.5</b>	<b>(nc)</b>
Computer programmer.....	620	1.2	4
Drafter.....	500	1	10
Surveyor.....	60	0.1	13
Electrical/electronics engineering technician.....	260	0.5	9
Mechanical engineering technicians.....	90	0.2	10
Civil engineering technician.....	160	0.3	13
All other engineering technicians.....	430	0.8	10
Physical and life science technicians.....	1,790	3.4	(nc)
Chemical technicians, except health.....	120	0.2	19
Nuclear technicians.....	260	0.5	31
All other physical and life science technicians.....	1,410	2.7	(nc)

<sup>1</sup>SET intensity = the ratio of SET employment (including SET managers) in a given SIC to total employment in that SIC, expressed in percentage terms.

**NOTE:** Because of rounding, components may not add to totals.

**KEY:**

- nc = Not computed
- < = The estimated actual value is less than 0.05 for percentages. For relative standard error, < = a small value rounded to 0. Estimated actual values of zero for relative standard error are shown as 0.
- 0 = Data were collected and the reported number or value was zero.
- n.e.c. = Not elsewhere classified

**SOURCE:** National Science Foundation/Division of Science Resources Statistics, using data from U.S. Department of Labor/Bureau of Labor Statistics, Occupational Employment Statistics Survey